What is STEM?

The Science, Technology, Engineering and Math competition is an academic competition designed to engage student's creativity and encourage their participation in STEM education fields.

Established by Members of the US House of Representatives in 2013, this competition is a nationwide event that allows students from across the country to compete by creating an exhibiting their software application, or "app," for mobile, tablet, or computer devices on a platform of their choice.

Regulations

Register at studentappchallenge.house.gov. Entry is free and open to all current high school students, 13 years old and above, in participating congressional districts (including home schooled students).

Students may compete individually or in teams of up to 4. Each individual or team will design an app on the platform of their choice and submit it, along with a video demonstrating their app to ChallengePost.com. Cut-off for submissions is 12 pm, Wednesday, April 30th.

HOUSE APP CHALLENGE

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Judges from Florida's 27th Congressional District will evaluate each submission based on the accompanying demonstration video using criteria such as quality of the idea, implementation of the idea, and quality of coding/programming used in designing the app.

Useful Links

1. Code.org– For teaching students code

2. MIT App inventor- http://appinventor.mit.edu/explore/hour-of-code.html

3. Scratch.mit.edu– Simple Visual Programming Language

4. Alice.org– For making 3D Animations

5. The Congressional App Challenge Coalition- http://www.congressionalappchallenge.us

Key Dates

February 1st: Competition Opens

April 30th: Competition Closes

May 30th: Winners Selected